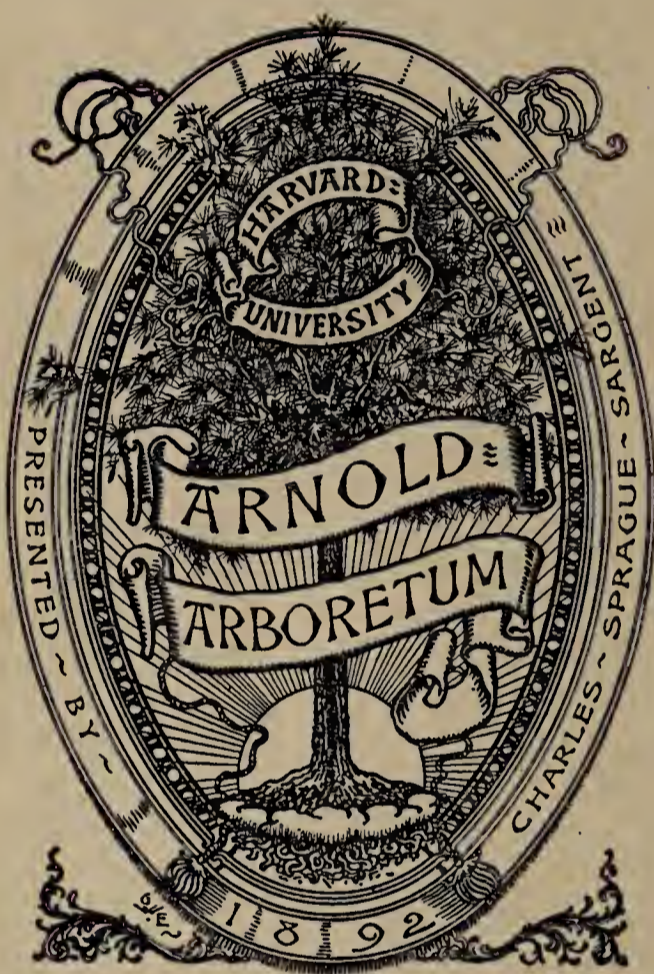


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(CORREA, ABBE.) Reduction of all the Genera of Plants
Contained in the Catalogus Plantarum Americæ Septem-
trionalis of Dr. Muhlenburg. 8vo, uncut.

Philadelphia, 1815

fine copy -
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REDUCTION
OF ALL
THE GENERA OF PLANTS

CONTAINED IN THE
CATALOGUS
PLANTARUM AMERICÆ SEPTENTRIONALIS,

OF
THE LATE DR. MUHLENBERG,

TO
THE NATURAL FAMILIES

OF
MR. DE JUSSIEU'S SYSTEM.

FOR THE USE OF THE GENTLEMEN WHO ATTENDED THE COURSE
OF ELEMENTARY AND PHILOSOPHICAL BOTANY
IN PHILADELPHIA, IN 1815.

Abbé Correa.

PHILADELPHIA:

PUBLISHED BY SOLOMON W. CONRAD,
NO. 87, MARKET STREET.

1815.

AROLD ARBORETUM
HARVARD UNIVERSITY

PREFACE.

THE difficulty of procuring in America, books relative to natural families, has induced the person who in this summer has given a course of elementary and philosophical botany in Philadelphia, to offer to his subscribers instead of a common *syllabus*, this reduction to natural families of all the American genera of plants, contained in the late Dr. Muhlenberg's *Catalogus Plantarum Americæ Septentrionalis*. This reduction he believes may prove an useful appendage, and a sort of complement to that work, which, for a while at least, will be the manual of American botanists. In proportion as they are acquainted with American genera, they will by this mean obtain the feeling of their natural affinities, which generally become very sensible when once indicated to those who already know the plants. Such advantage he believes to be far superior to that which they could derive from a simple enumeration of heads of the principal matters which have been treated in the course. It will be a better preparation to the deep knowledge of natural affinities, which in future

they may obtain from good books, when become attainable.*

The *Genera plantarum secundum ordines naturales*, &c. of Mr. de Jussieu, is an indispensable work; the *Tableau du Regne vegetal*, by Ventenat; les *Familles des Plantes* of Mr. Jaume St. Hilaire, are the best elementary books which till late had appeared on this subject.

* A great number of these American genera are not found in the work of Mr. de Jussieu; but they have been according to his principles reduced with accuracy to the respective families to which they belong in his system. They have been alphabetically arranged in each family, in order to facilitate the use of this catalogue.

SERIES I.

ACOTYLEDONES.

(Seed without any lobe.)

1. Family.—FUNGI.

Æcidium, Ægerita, Agaricus, Amanita, Arcyria, Boletus, Clavaria, Conoplea, Cyathus, Dematium, Dædalea, Erineum, Fuligo, Geastrum, Geoglossum, Helvella, Himantia, Hydnum, Hysterium, Isaria, Leotia, Lycogala, Lycoperdon, Merisma, Mesenterica, Merulius, Monilia, Mucor, Næmaspora, Onygena, Peziza, Phallus, Physarum, Racodium, Rhizomorpha, Scleroderma, Sclerotium, Sistotrema, Sphæria, Stemonitis, Stilbospora, Thelephora, Trichia, Trichoderma, Tubulina, Uredo, Xyloma.

2. Family.....ALGÆ.

Alectoria, Artonia, Bæomyces, Borrera, Calicium, Cenomyce, Cetraria, Collema, Conferva, Cornicularia, Endocarpon, Evernia, Fucus, Glonium, Graphis, Gyrophora, Lecidea, Lecanora, Lepraria, Opegrapha, Peltidea, Parmelia, Porina, Ramalina, Spiloma, Sticta, Stereocaulon, Variolaria, Verrucaria, Ulva, Urceolaria, Usnea.

3. Family.....**HEPATICÆ.**

Anthoceros, Azolla, Jungermannia, Marchantia, Riccia.

4. Family....**MUSCI.**

Barbula, Bartramia, Bryum, Buxbaumia, Climacium, Dicranum, Didymodon, Diphyscium, Fontinalis, Funaria, Grimmia, Gymnostomum, Hedwigia, Hypnum, Leskea, Meesia, Mnium, Neckera, Orthotrichum, Phascum, Polytrichum, Pterigonium, Sphagnum, Splachnum, Tetraphis, Timmia, Trichostomum.

5. Family....**FILICES.**

Acrostichum, Adiantum, Aspidium, Asplenium, Bernhardia, Blechnum, Botrychium, Cheilanthes, Dicksonia, Equisetum, Lycopodium, Lygodium, Onoclea, Ophioglossum, Osmunda, Polypodium, Pteris, Schizæa, Scolopendrium, Vittaria, Woodwardia, Zamia.

6. Family....**NAJADES.**

Callitriche, Caulinia, Chara, Ceratophyllum, Hippuris, Lemna, Myriophyllum, Najas, Potamogeton, Ruppia, Saururus, Zannichellia.

SERIES II.

MONOCOTYLEDONES.

(One single lobe in the seed.)

7. Family....AROIDEÆ.

Acorus, Arum, Caladium, Calla, Orontium, Pothos, Zostera.

8. Family....TYPHÆ.

Sparganium, Typha.

9. Family....CYPEROIDEÆ.

Carex, Cyperus, Dichroma, Eriophorum, Kyllingia, Schœnus, Scirpus, Scleria.

10. Family....GRAMINEÆ.

Ægilops, Agrostis, Aira, Alopecurus, Andropogon, Anthoxanthum, Apluda, Aristida, Arundinaria, Arundo, Atheropogon, Avena, Briza, Bromus, Cenchrus, Cinna, Chloris, Coix, Dactylis, Digitaria, Eleusine, Elymus, Erianthus, Festuca, Fuirena, Holcus, Hordeum, Ischæmum, Leersia, Lolium, Manisuris, Melica, Miliun, Muhlenbergia, Oryza, Oryzopsis, Panicum, Paspalum, Phalaris, Phleum, Poa, Rottboella, Saccharum, Spartina, Stipa, Trichodium, Tripsacum, Triticum, Uniola, Zea, Zizania.

11. Family....PALMÆ.

Chamærops, Rhapis.

12. Family....ASPARAGI.

Asparagus, Convallaria, Dioscorea, Dracæna, Medeola, Smilax, Trillium.

13. Family....JUNCI.

Alisma, Commelina, Eriocaulon, Floerkea, Helonias, Juncus, Mayaca, Melanthium, Narthecium, Nectris, Nolina, Pleea, Sagittaria, Scheuchzeria, Tofieldia, Tradescantia, Triglochin, Veratrum, Zygadenus.

14. Family....LILIACEÆ.

Erythronium, Lilium, Streptopus, Tulipa, Uvularia, Yucca.

15. Family....BROMELIÆ.

Agave, Burmannia, Tillandsia, Tripterella.

16. Family....ASPHODELI.

Aletris, Allium, Anthericum, Hyacinthus, Phalangium, Ornithogalum.

17. Family....NARCISSI.

Amaryllis, Heteranthera, Hypoxis, Pancratium, Ponederia, Schollera.

18. Family....IRIDES.

Dilatris, Iris, Ixia, Sisyrinchium.

19. Family....MUSÆ.

No plants of this family are known to exist in the United States.

20. Family....CANNÆ.

Canna, Thalia.

21. Family....ORCHIDÆÆ.

Arethusa, Cymbidium, Cypripedium, Epidendrum, Epipactis, Limodorum, Malaxis, Neottia, Orchis, Satyrium.

22. Family....HYDROCHARIDES.

Hydrocharis, Nelumbium, Nymphæa, Pistia, Proserpinaca, Vallisneria.

SERIES III.

DICOTYLEDONES.

(Two lobes in the Seed.)

23. Family....ARISTOLOCHIÆ.

Aristolochia, Asarum.

24. Family....ÆLEAGNI.

Hamiltonia, Hippophaë, Nyssa, Thesium.

25. Family....THYMELEÆ.

Dirca.

26. Family....PROTEÆ.

No plant of this family is known to exist in the United States.

27. Family....LAURI.

Laurus.

28. Family....POLYGONEÆ.

Brunnichia, Coccoloba, Eriogonum, Polygonum, Rumex.

29. Family....ATRIPLICES.

Acnida, Atriplex, Blitum, Chenopodium, Kochia, Phytolacca, Polygonella, Rivina, Salicornia, Salsola.

30. Family....AMARANTHI.

Achyranthes, Anychia, Amaranthus, Illecebrum, Iresine.

31. Family....PLANTAGINES.

Plantago.

32. Family....NYCTAGINES.

Boerhaavia.

33. Family....PLUMBAGINES.

Statice.

34. Family....**LYSIMACHIÆ.**

Anagallis, Centunculus, Cyclamen, Dodecatheon, Hottonia, Lysimachia, Menyanthes, Micranthemum, Primula, Pinguicula, Samolus, Trientalis, Utricularia.

35. Family....**PEDICULARES.**

Bartsia, Buchnera, Erinus, Euphrasia, Melampyrum, Obolaria, Orobanche, Pedicularis, Polygala, Rhinanthus, Veronica.

36. Family....**ACANTHI.**

Dianthera, Elytraria, Justicia, Ruellia.

37. Family....**JASMINEÆ.**

Borya, Chionanthus, Fraxinus, Ligustrum, Olea, Syringa.

38. Family....**VITICES.**

Callicarpa, Lantana, Lippia, Verbena, Vitex.

39. Family....**LABIATÆ.**

Ajuga, Brachystemum, Clinopodium, Collinsonia, Cunila, Dracocephalum, Glechoma, Hyptis, Hyssopus, Isanthus, Lamium, Leonurus, Lycopus, Marrubium, Melissa, Mentha, Monarda, Nepeta, Origanum, Phryma, Prunella, Salvia, Satureia, Scutellaria, Stachys, Teucrium, Thymbra, Thymus, Trichostema.

40. Family....**SCROPHULARIÆ.**

Antirrhinum, Capraria, Digitalis, Gerardia, Gratiola, Lindernia, Mimulus, Polypremum, Scrophularia, Schwalbea.

41. Family....**SOLANÆÆ.**

Atropa, Capsicum, Datura, Hyosciamus, Lycium, Nicotiana, Physalis, Solanum, Verbascum.

42. Family....**BORRAGINEÆ.**

Anchusa, Cynoglossum, Dichondra, Echium, Ellisia, Heliotropium, Hydrophyllum, Lithospermum, Lycop-

sis, Myosotis, Onosmodium, Phacelia, Pulmonaria, Symphitum.

43. Family....CONVOLVULI.

Convolvulus, Cuscuta, Diapensia, Hydrolea, Ipomœa, Ipomopsis, Pyxidantha.

44. Family....POLEMONIA.

Cantua, Phlox, Polemonium.

45. Family....BIGNONIÆ.

Bignonia, Chelone, Martynia, Maurandia, Pentstemon, Sesamum.

46. Family....GENTIANÆ.

Bartonia, Chironia, Fraxinea, Gentiana, Ophiorrhiza, Spigelia, Swertia.

47. Family....APOCYNÆ.

Amsonia, Apocynum, Asclepias, Cynanchum, Echites, Gelsemium, Gonolobus, Periploca.

48. Family....Sapotæ.

Bumelia.

49. Family....GUAJACANÆ.

Diospyros, Halesia, Hopea, Styrax, Symplocos.

50. Family....RHODODENDRA.

Azalea, Befaria, Itea, Kalmia, Ledum, Rhododendrum, Rhodora.

51. Family....ERICÆ.

Andromeda, Arbutus, Ceratiola, Clethra, Cyrilla, Empetrum, Epigæa, Galax, Gaultheria, Hudsonia, Menziesia, Pyrola.

52. Family....CAMPANULACEÆ.

Campanula, Lobelia.

53. Family....CICHORACEÆ.

Cichorium, Hieracium, Hyoseris, Krigia, Lactuca, Leontodon, Prenanthes, Scorzonera, Sonchus, Tragopogon.

54. Family....CINAROCEPHALÆ.

Arctium, Carduus, Carthamus, Cnicus, Centaurea.

55. Family....CORYMBIFERÆ.

Achillæa, Acmella, Ageratum, Ambrosia, Anthemis, Arnica, Artemisia, Aster, Baccharis, Baltimora, Bellis, Bidens, Boebera, Boltonia, Bupthalmum, Cacalia, Cineraria, Conyza, Coreopsis, Chrysogonum, Chrysanthemum, Chrysocoma, Eclipta, Erigeron, Ethulia, Eupatorium, Elephantopus, Galardia, Gnaphalium, Helenium, Helianthus, Heliopsis, Hymenopappus, Inula, Iva, Kuhnia, Liatris, Marshallia, Mikania, Melanthera, Parthenium, Phaëtusa, Polymnia, Rudbeckia, Senecio, Sigesbeckia, Silphium, Spilanthus, Stokesia, Solidago, Tanacetum, Tetragonotheca, Tussilago, Verbesina, Vernonia, Xanthium.

56. Family....DIPSACEÆ.

Allionia, Dipsacus, Fedia, Valeriana.

57. Family....RUBIACEÆ.

Cephalanthus, Chiococca, Diodia, Galium, Gardenia, Houstonia, Mitchella, Oldenlandia, Pinkneya, Rubia, Spermacoce.

58. Family....CAPRIFOLIA.

Caprifolium, Cornus, Diervilla, Hedera, Linnæa, Lonicera, Sambucus, Symphoricarpos, Viburnum, Viscum, Xylosteum.

59. Family....ARALIÆ.

Aralia, Panax.

60. Family....UMBELLIFERÆ.

Ammi, Anethum, Angelica, Apium, Caucalis, Chæ-

rophyllum, Cicuta, Conium, Coriandrum, Daucus, Eryngium, Ferula, Heracleum, Hydrocotyle, Ligusticum, Œnanthe, Pastinaca, Sanicula, Scandix, Selinum, Sium, Sison, Thapsia, Tordylium.

61. Family....**RANUNCULACEÆ.**

Aconitum, Actæa, Aquilegia, Anemone, Atragene, Brasenja, Caltha, Cimicifuga, Clematis, Delphinium, Helleborus, Hydrastis, Jeffersonia, Nigella, Podophyllum, Ranunculus, Thalictrum, Trollius, Zanthorrhiza.

62. Family....**PAPAVERACEÆ.**

Argemone, Chelidonium, Corydalis, Fumaria, Papaver, Sanguinaria.

63. Family....**CRUCIFERÆ.**

Alyssum, Arabis, Biscutella, Brassica, Cakile, Cardamine, Cochlearia, Draba, Erysimum, Hesperis, Lepidium, Myagrum, Sennebiera, Sinapis, Sisymbrium, Thlaspi, Turritis.

64. Family....**CAPPARIDES.**

Cleome, Drosera, Parnassia.

65. Family....**SAPINDI.**

Cardiospermum, Sapindus.

66. Family....**ACERA.**

Æsculus, Acer.

67. Family....**MALPIGHIÆ.**

Mylocarium.

68. Family....**HYPERICA.**

Ascyrum, Hypericum.

69. Family....**GUTTIFERÆ.**

Clusia.

70. Family....**AURANTIA.**

Citrus.

71. Family....MELIA.

Melia, Swietenia, Winteriana.

72. Family....VITES.

Ampelopsis, Vitis.

73. Family....GERANIA.

Erodium, Geranium, Impatiens, Oxalis.

74. Family....MALVACEÆ.

Althæa, Gordonia, Gossipium, Hibiscus, Lavatera, Malva, Napæa, Sida, Stewartia.

75. Family....MAGNOLIÆ.

Illicium, Liriodendrum, Magnolia.

76. Family....ANNONÆ.

Annona, Porcelia.

77. Family....MENISPERMA.

Cissampelos, Menispermum, Schisandra, Wendlandia.

78. Family....BERBERIDES.

Berberis, Diphylleia, Hamamelis, Leontice.

79. Family....TILIACEÆ.

Tilia.

80. Family....CISTI.

Cistus, Helianthemum, Viola.

81. Family....RUTACEÆ.

Tribulus.

82. Family....CARYOPHILLEÆ.

Agrostemma, Alsine, Arenaria, Cerastium, Cucubalus, Dianthus, Elatine, Holosteum, Lechea, Linum, Mohringia, Mollugo, Pharnaceum, Saponaria, Sagina, Sarothra, Silene, Spergula, Spergulastrum.

83. Family....SEMPERVIVA.

Cotyledon, Penthorum, Sedum.

84. Family....SAXIFRAGÆ.

Adoxa, Chrysosplenium, Heuchera, Hydrangea, Mittella, Saxifraga, Tiarella.

85. Family....CACTI.

Cactus, Ribes.

86. Family....PORTULACÆ.

Claytonia, Portulaca, Scleranthus, Talinum, Turnera.

87. Family....FICOIDEA.

Sesuvium.

88. Family....ONAGRÆ.

Circæa, Epilobium, Fuchsia, Gaura, Jussieua, Ludwigia, Œnothera, Serpicula.

89. Family....MYRTI.

Decumaria, Myrtus, Philadelphus, Punica.

90. Family....MELASTOMÆ.

Rhexia.

91. Family....SALICARIÆ.

Ammania, Cuphea, Glaux, Isnardia, Lythrum.

92. Family....ROSACEÆ.

Agrimonia, Alchemilla, Amygdalus, Calycanthus, Chrysobalanus, Comarum, Cratægus, Dalibarda, Fragaria, Geum, Mespilus, Potentilla, Poterium, Pyrus, Prunus, Rosa, Rubus, Sanguisorba, Sorbus, Spiræa.

93. Family....LEGUMINOSA.

Æschynomene, Amorpha, Arachis, Astragalus, Cassia, Cercis, Clitoria, Cæsalpinia, Croton, Dalea, Erythrina, Galactia, Galega, Glycine, Glycyrrhiza, Gleditsia, Gymnocladus, Lathyrus, Lupinus, Hedysarum,

Medicago, Mimosa, Phaca, Phaseolus, Pisum, Podalyria, Psoralea, Robinia, Schrankia, Sesbania, Stylosanthes, Trifolium, Virgilia, Zornia.

94. Family....TEREBINTHI.

Amyris, Juglans, Ptelea, Rhus, Zanthoxylum.

95. Family....RHAMNI.

Ceanothus, Celastrus, Euonymus, Ilex, Prinus, Rhamnus, Staphylea, Ziziphus.

96. Family....EUPHORBIÆ.

Acalypha, Adelia, Buxus, Croton, Crótonopsis, Euphorbia, Hippomane, Jatropha, Phyllanthus, Ricinus, Stillingia, Tragia.

97. Family....CUCURBITACEÆ.

Carica, Cucumis, Cucurbita, Elaterium, Melothria, Momordica, Passiflora, Sycios.

98. Family....URTICÆ.

Boehmeria, Broussonetia, Cannabis, Ficus, Humulus, Morus, Parietaria, Urtica.

99. Family....AMENTACEÆ.

Alnus, Betula, Carpinus, Castanea, Celtis, Comptonia, Corylus, Fagus, Fothergilla, Liquidambar, Myrica, Ostrya, Platanus, Planera, Populus, Quercus, Salix, Ulmus.

100. Family....CONIFERÆ.

Cupressus, Ephedra, Juniperus, Pinus, Taxus, Thuya.

Genera of Doubtful Families.

Datisca, Dionæa, Monniera, Monotropa, Podostemum, Sarracenia.

FINIS.

